

Western Electric Co., Incorporated,
Engineering Dept.,
New York.

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Issue 3 - BT-438481.
Replacing all previous issues.
February 8, 1921.

No Point

METHOD OF OPERATION
SIGNAL CIRCUIT

Coin Collection - Relay Equipment Only - Relay Switchboard #1.

GENERAL DESCRIPTION

1. This circuit is used with #1 common battery cord circuits, equipped with coin collect and return keys.
2. When the subscriber has deposited a coin, the operation of the coin collect or return key of a cord connected to a pre-payment line causes the pilot lamp to light, indicating to the operator that the coin has been collected or returned as the case may be. The operation of either key when no coin has been deposited will not light the lamp.

DETAILED DESCRIPTION

OPERATION

3. When a coin has been deposited at a sub-station and the coin collect or return key of a cord operated 110 volt positive or negative potential is connected to the tip of the sub-station line causing the C or R relay to operate in series with the coin collector at the sub-station. The operation of the C or R relay lights the pilot lamp. After the coin collector at the sub-station has functioned the C or R relay releases extinguishing the pilot lamp.

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CIRCUIT REQUIREMENTS

OPERATE

NON-OPERATE

RELEASE

B36 Test .044 amp.
(C & R) Readj. .036 amp.

Test .024 amp.
Readj. .026 amp.

Test .012 amp.
Readj. .014 amp.

118-D Test .042 amp.
(C & R) Readj. .033 amp.

ENG. --- AER-VL.
5-12-22.

CHK'D. --- ASP.

APPROVED - C. L. SLYTER, G.M.L.